

The Web

Its Utilisation, Evaluation
and Security

Media Anugerah Ayu



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Editor

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15. WEB-BASED APPLICATION THAT SUPPORT ACTIVE LEARNING

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ABSTRACT

The major use of web-based instruction is to enhance traditional, on-campus courses, where the benefit of Web enhancement as a supplemental resource is less obvious. The competition fostered in today's environment is demanding increased accountability of idealistic teachers and re-evaluation of traditional teaching methods. Without reliable and valid instructional measurement systems, it is virtually impossible to benchmark new techniques. Web based application can be able to support active learning. This study describes different web based application tools that can be utilized to support active learning in the classroom.

15.1 INTRODUCTION

Technology has allowed us to redefine and restructure the way information is constructed and communicated, offering new and unique possibilities for students and educators in the teaching-learning process (Avraamidou, 2008). As technology progresses, new systems emerge to assist educators in preparing and managing courses (Banks, 2006). Learning is the consequence of a series of interactions between the learner and his or her environment. Effective teaching can be described as the process of setting instructional goal, conducting a series of process to accomplish these goals,